

What is claimed is:

1. A device for injecting fluid into a patient comprising:  
an injector head;  
a syringe sized to be placed into said injector head;  
a receptacle area on said injector head sized to receive said syringe;  
a cylinder having an opening sized to receive said syringe; and,  
said cylinder being connected to said injector head and being selectively rotatable on said injector head into and out of said receptacle area.
2. A device as set forth in claim 1, further comprising:  
a longitudinal base member located at one end of said injector head; said longitudinal base member containing said receptacle area and said cylinder being attached to said longitudinal base member.
3. A device as set forth in claim 2, further comprising a forward plate mounted on said longitudinal base member at a location forward of said receptacle area.
4. A device as set forth in claim 2, further comprising an attachment plate for connecting said longitudinal base member to said injector head, said attachment plate positioned at a location rearward of said receptacle area.
5. A device as set forth in claim 3, wherein said forward plate includes a slot for receiving a portion of said syringe.
6. A device as set forth in claim 5, wherein said slot receives an exit port of said syringe.
7. A device as set forth in claim 1, wherein said cylinder includes a slot for receiving a portion of said syringe.

8. A device as set forth in claim 7, wherein said slot is sized to receive a fluid inlet stem of said syringe.
9. A device as set forth in claim 3, wherein said forward plate includes a sensor device positioned to sense an operating parameter of said device.
10. A device as set forth in claim 9, wherein said sensor is a pressure sensor.
11. A device for injecting fluid in to a patient comprising:
  - an injector head;
  - a syringe sized to be placed into said injector head;
  - a receptacle area on said injector head sized to receive said syringe; and
  - a detachable door positioned at one end of said receptacle area.
12. A device as set forth in claim 11, wherein said detachable door includes a slot for receiving a portion of said syringe.
13. A device as set forth in claim 12, wherein said portion of said syringe is an exit port of said syringe.
14. A device as set forth in claim 11, wherein said detachable door includes a sensor for monitoring an operating parameter of said device.
15. A device as set forth in claim 14, wherein said sensor is a pressure sensor.
16. A device as set forth in claim 11, wherein said detachable door includes a grasping surface.
17. A method of injecting fluid into a patient comprising:
  - providing an injecting device;

providing a syringe for insertion into the syringe;  
rotating a pressure sleeve out of a receptacle area of said injecting device;  
inserting said syringe into said pressure sleeve assembly;  
rotating said pressure sleeve into said receptacle area of said injecting device; and,  
performing a fluid injection into a patient.

18. A method according to claim 17, including filling said syringe with said fluid after rotating said pressure sleeve into said receptacle area.

19. A method according to claim 17, wherein said step of inserting includes placing a portion of said syringe into a slot on said pressure sleeve.

20. A method according to claim 17, wherein a portion of said syringe is rotated into a slot of located near said receptacle area as said pressure sleeve is rotated into said receptacle area.

21. A method according to claim 18, further including sensing an operating parameter of said injecting device.

22. A method according to claim 21, wherein said operating parameter is pressure being exerted by said fluid in said syringe.